

Abstract

[0109] A method for manufacturing a brake booster and a device for implementing the a method. The booster comprises an envelope in which there is mounted to slide with sealing a skirt dividing a low-pressure chamber from a variable-pressure chamber, a piston, a three-way valve (19) comprising a plunger distributor (20) formed of a feeler (22) slidably surrounded by a bushing (32) forming part of an emergency brake boosting device. The device also comprises a key for axially indexing the bushing relative to the piston and able to collaborate with a stop means (114) of the bushing for a rate of travel (V) of the distributor above a rate of activation ( $V_s$ ) allowing the jump to be altered. The bushing (102) according to the invention comprises at least one adjusting means (120) for adjusting the axial position of the stop means relative to the longitudinal ends (101, 103) of the bushing, thus in part determining the activation rate ( $V_s$ ).